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ABSTRACT OF THE DISCLOSURE

Automatic method for learning frequent chronicles in an alarm log of a dynamic system for supervision of this system and learning system for
10 using the method in a supervision system.

According to the method, in an alarm log J
50, alarm sequences 51 are selected S_1, S_2, \dots, S_p then
grouped 52 in groups of similar sequences G_1, G_2, \dots, G_r .
Alarms of the groups are then used to produce 53 the
15 partial logs J_1, J_2, \dots, J_r . Frequent chronicles are then
learned 54 on each transmitted partial log J_i and the
partial set E_i of frequent chronicles of J_i is
determined 55; finally a set E of chronicles in the
log J is formed 56 with chronicles of the various
20 partial sets E_i .

Figure 5.